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of Transportation

United States
Coast Guard



BOATSWAIN'S MATE SECOND CLASS COURSE

BM2

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BOATSWAIN'S MATE SECOND CLASS

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QUESTIONS ABOUT THIS TEXT SHOULD BE
ADDRESSED TO THE SUBJECT MATTER SPECIALIST
FOR THE BOATSWAIN'S MATE RATING

References

List of References

The following is a list of references you will be using throughout the boatswain's mate second class course.

Coatings and Color Manual, COMDTINST M10360.3 (series)

Naval Engineering Manual, COMDTINST M9000.6 (series)

Naval Ships' Technical Manual, S9086-TV-STM-010

Coast Guard Rescue and Survival Systems Manual, COMDTINST M10470.10 (series)

USCG Regulations, COMDTINST M5000.3 (series)

Small Arms Manual, COMDTINST M8370.11 (series)

Ordnance Publications Index, COMDTINST M8000.3 (series)

Maritime Law Enforcement Manual, COMDTINST M16247.1 (series)

Directives Systems Manual, COMDTINST M5215.6 (series)

Standard Subject Identification Codes (SSIC), COMDTINST M5210.5 (series)

Telecommunications Manual, COMDTINST M2000.3 (series)

Boat Crew Training Manual, COMDTINST M16114.9 (series)

Boat Crew Qualification Guide, COMDTINST M16114.10 (series)

National Imagery and Mapping Agency Catalog of Maps, Charts, and Related Products Vol-1, Part 2 (NIMA CATP2VO1U) Current Edition

Notice to Students

Purpose The purpose of this course is to provide you the skills necessary to perform at the boatswain's mate second class level.

Format This course is a self-study, Personnel Qualification Standard (PQS) style course designed to put you in situations normally encountered on the job. It provides objectives, learning objectives, and a reading assignment from publications for each lesson as well as numerous self-quizzes and practice exercises.

At the end of the pamphlet is a pamphlet review quiz designed to introduce you to multiple choice type questions similar to ones which may be asked on the end-of-course test.

Additional text will occasionally be provided for a lesson reading assignment. The additional text is used to provide information that the reference doesn't cover or to better explain the reference material.

Course Content This course content is based on the requirements stated in the Enlisted Qualifications Manual, COMDTINST M1414.8 (series).

Procedure Follow these steps to properly complete this course.

Note: These steps should be completed for each lesson prior to continuing to the next lesson.

STEP	ACTION
1.	Read each objective.
2.	Read each lesson objective.
3.	Complete the reading assignment to meet the lesson objectives.
4.	Complete each self-quiz at 100 percent. If not completed at 100 percent, review the lesson objectives and reading assignment again
5.	Continue to next lesson.

Notice to Students

Learning Objectives

Read the learning objectives before you begin reading the text. The objectives will guide you through the text and help you answer the questions in the self-quiz at the end of each lesson.

Important Note

This course has been compiled for TRAINING ONLY. It should NOT be used in place of official directives or publications. The course information is current according to the references listed in each reading assignment. You should, however, remember that it's YOUR responsibility to keep up with the latest professional information available for your rating.

SWE Study Suggestion

Servicewide exam questions for your rate and pay grade are based on the Professional and Military Requirements sections of the Enlisted Qualifications Manual, COMDTINST M1414.8 (series).

If you use the references from this course and consult the Enlisted Qualifications Manual, you should have good information for review when you prepare for your servicewide exam (SWE). We suggest that you make notes from the reading assignment and insert them with each lesson for future reference.

Structured Writing: A New Format

Definition

Structured writing allows for the organization of large or complex units of information for easier reading and understanding.

Advantages

Structured writing enables you to:

- ◆ Scan information quickly
 - ◆ See main points instantly in the subheadings and marginal labels
 - ◆ See main text, clearly subdivided and containing supporting detail
-

Summary

Because correspondence courses play a major role in your training program, we hope you will enjoy this new format and that it will make learning easier.

TABLE OF CONTENTS

TITLE	PAGE
References	ii
Notice to Students	iii
Lessons	
#1 Painting Log	1-1
#2 Anchor Log	2-1
#3 Hull History Card	3-1
#4 Rescue and Survival Equipment Inspections	4-1
#5 Rescue and Survival Equipment Maintenance	5-1
#6 Rescue and Survival Equipment Logs	6-1
#7 Duties of the Weapons Petty Officer	7-1
#8 Boarding Team Equipment	8-1
#9 Unit Directives System	9-1
#10 Chart and Pub Corrections	10-1
#11 Chart Procurement	11-1
#12 Instructor Boat Crewman	12-1
Appendixes	
A Pamphlet Review Quiz	A-1
B Pamphlet Review Quiz Answers	B-1
C Student's Evaluation	C-1

Lesson 1

PAINTING LOG

Overview

Reading Assignment

This lesson is based on the following reading assignment:

- ◆ Coatings and Color Manual, COMDTINST M10360.3 (series)
 - Chapter 4 Painting Organization and Supervision
-

Objective

This lesson will teach you how to:

- ◆ Record information in a painting log.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **LIST** the type of Coast Guard units required to keep a painting log.
 - ◆ **LIST** the information recorded in the painting log whenever a complete repainting is finished.
-

Lesson #1 Self-Quiz

1. List the type of Coast Guard units required to keep a painting log.
 2. List the information you record in the painting log when you finish a complete repainting.
-

Answers to Lesson #1 Self-Quiz

Question

Answer

1

Shore units

2

Date of application

Area painted

Name of each material used:

number of coats

specification number

name of manufacturer

date of manufacture

manufacturer's lot number

Number of gallons of each type finish used

Temperature

Dewpoint

General statement of weather conditions

Lesson 2

ANCHOR LOG

Overview

References

This lesson is based on the following references:

- ◆ Naval Engineering Manual, COMDTINST M9000.6 (series)
 - Chapter 581-Anchors
 - ◆ Naval Ships' Technical Manual, S9086-TV-STM-010, change B
 - Chapter 581-Anchors
 - ◆ Added text
-

Objective

This lesson will teach you how to:

- ◆ Maintain an Anchor Log.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **IDENTIFY** the information you should include in the Anchor Log.
 - ◆ **IDENTIFY** the information required in the Anchor Log for a ground tackle's failure or loss.
-

Log Entries

Introduction

The Anchor Log is one of the most important records that a boatswain's mate is responsible for. The log is a permanent record of your ship's ground tackle and its use. There is no standard format required by COMDT for an Anchor Log, but each MLC is required to develop and promulgate detailed guidance on the inspection, overhaul, replacement, and preservation of anchor(s) and anchor chain. The Anchor Log should include the following basic information:

- ◆ Anchors
 - serial numbers
 - weights
 - type
 - location
 - PMS completed
 - ◆ Shots of chain
 - serial numbers
 - location in the anchor chain
 - inspections completed
 - diameters of the links
 - six-link measurement
 - PMS completed
 - ◆ Detachable links
 - serial numbers
 - location in the anchor chain
 - inspections completed
 - diameters of the links
 - PMS completed
 - ◆ Anchor chains
 - port side and starboard side chains
 - length in fathoms
 - serial numbers and location for each shot of chain
 - serial numbers and location for each detachable link
 - inspections completed
 - PMS completed
 - ground tackle failure or loss information
-

Ground Tackle Failure or Loss

Introduction

Collect and record, in the Anchor Log, the following information about a ground tackle failure or loss:

- ◆ Date and time.
 - ◆ Wind speed and direction.
 - ◆ Current speed and direction.
 - ◆ Sea conditions.
 - ◆ Length of chain from hawsepipe to anchor.
 - ◆ Depth of water.
 - ◆ Bottom slope and condition (firm sand, mud, rock, etc.).
 - ◆ Special circumstances or unusual events, if any, that contributed to the failure or loss.
 - ◆ Date of last ground tackle inspection by ship's force.
 - ◆ Anchor type and weight.
 - ◆ Anchor's manufacturer, if known, and serial number.
 - ◆ Size, type, and quantity of chain and appendages.
 - ◆ Manufacturer of chains and appendages if known.
 - ◆ Statement that the requirements for ground tackle care and inspection have or have not been carried out.
-

Lesson #2 Self-Quiz

1. Match the information you log in the Anchor Log in column A with the proper equipment in column B. Equipment may be used more than once.

Column A

- _____ 1. Type
- _____ 2. Weight
- _____ 3. Location
- _____ 4. Serial number
- _____ 5. PMS completed
- _____ 6. Length in fathoms
- _____ 7. Port and starboard
- _____ 8. Six-link measurement
- _____ 9. Inspections completed
- _____ 10. Diameters of the links
- _____ 11. Location in the anchor chain

Column B

- a. Anchors
- b. Shots of chain
- c. Detachable links
- d. Anchor chains
- e. Ground tackle failure/loss

2. When an anchor is lost due to a parting anchor chain, what information must you log in the Anchor Log?
- A. Length of chain from hawsepipe to the anchor
 - B. Length of chain from wildcat to the anchor
 - C. Wind speed and direction for the previous 2 days
 - D. Wind speed and direction for the previous 3 days
-

Answers to Lesson #2 Self-Quiz

Question

Answer

1

1. a
2. a
3. a, b, c
4. a, b, c, d
5. a, b, c, d
6. d
7. d
8. b
9. b, c, d
10. b, c
11. b, c, d

2

A

Lesson 3

HULL HISTORY CARD

Overview

Reading Assignment

This lesson is based on the following reading assignments:

- ◆ Naval Engineering Manual, COMDTINST M9000.6 (series)
 - Chapter 090 Hull History
 - Chapter 997 Underwater Body Hull Inspection Board
 - ◆ Coatings and Color Manual, COMDTINST M10360.3 (series)
 - Chapter 4 Painting Organization and Supervision
-

Objective

This lesson will teach you how to:

- ◆ Maintain a Hull History Card.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **LIST** the Coast Guard units required to maintain a Hull History.
 - ◆ **IDENTIFY** who is responsible for maintaining the Hull History.
 - ◆ **LIST** the type of data that should be entered on the Hull History Card.
 - ◆ **COMPLETE** a sample CG-3765.
-

Hull History Card

Example

The following illustration shows a completed Hull History Card.

[illegible]

Lesson #3 Self-Quiz

1. List the Coast Guard units required to maintain a Hull History?
2. Who is responsible for maintaining the Hull History?
 - A. Commanding officer
 - B. Executive officer
 - C. First lieutenant
 - D. Third class boatswain's mate
3. List the type of data that is entered on the Hull History Card.
4. Using the information provided, complete the sample Hull History Card.

"S" File number	125
Compartment number	01-34-1-L
Compartment name	Commanding Officer's Stateroom
Card number	04
Date	Today's date
Remarks	Bulkheads painted (2 coats)
Type of paint	Water Based Fire Retardant Paint DOD-C-24596, (250g/1 VOC),
Color	Beach Sand 22563
Lot number	5678-97
Paint manufacturer	Foster's Coatings Inc.
Date of manufacture	8/97
Number of gallons used	01
Weather conditions	78°
Dewpoint	Air conditioned interior space
Initials	DMM

Lesson #3 Self-Quiz

S-			
"S" FILE NO.	COMPARTMENT NO.	NAME (Compartment, Equipment or System)	CARD NO.
DATE	REMARKS		INITIALS
DEPT. OF TRANSPORTATION, U. S. COAST GUARD, CG-3765 (REV. 4-67)		HULL HISTORY CARD	GPO 958-416

Answers to Lesson #3 Self-Quiz

Question	Answer
1	All cutter's 65 feet and greater in length
2	C
3	Repairs Alterations Maintenance Semiannual visual inspections Leakage inspections of compartments, tanks, and voids Tank cleanings, painting, rearrangement, and casualties
4	

s- 125	01-34-1-L	Commanding Officer's Stateroom	04
"S" FILE NO.	COMPARTMENT NO.	NAME (Compartment, Equipment or System)	CARD NO.
DATE	REMARKS		INITIALS
MM/DD/YY	Painted bulkheads with 2 coats of Beach Sand 22563, water based fire retardent paint,		
	DOD-C-24596, 250 g/l VOC, Foster's Coatings Inc., 8/97, one gallon used, Lot 5678-97		
	Temp 78°, Air conditioned spaced		<i>DMM</i>
DEPT. OF TRANSPORTATION, U. S. COAST GUARD, CG-3765 (REV. 4-67)		HULL HISTORY CARD	
		GPO 958-416	

Lesson 4

RESCUE AND SURVIVAL EQUIPMENT INSPECTIONS

Overview

Reading Assignment

This lesson is based on the following reading assignment:

- ◆ Coast Guard Rescue and Survival Systems Manual, COMDTINST M10470.10 (series)
-

Objective

This lesson will teach you how to:

- ◆ Conduct an inspection on rescue and survival equipment.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **IDENTIFY** the purpose of the Coast Guard Policy and Procedures for Inspections.
 - ◆ **IDENTIFY** the time interval between inspections for the following equipment:
 - Dewatering Pumps
 - Emergency Position Indicating Radio Beacons
 - Inflatable Liferafts
 - Personal Flotation Devices
 - Protective Clothing and Equipment
 - Hypothermia Protective Clothing
 - Survival Kit and Items
 - Supplementary Equipment
 - Emergency Medical Technician's Equipment
-

Overview

Lesson Objectives (Continued)

- ◆ **IDENTIFY** the inspection requirements for the following equipment:
 - Dewatering Pumps
 - Emergency Position Indicating Radio Beacons
 - Inflatable Liferafts
 - Personal Flotation Devices
 - Protective Clothing and Equipment
 - Hypothermia Protective Clothing
 - Survival Kit and Items
 - Supplementary Equipment
 - Emergency Medical Technician's Equipment
-

Definitions

Introduction	This list describes the sections of the maintenance log not covered in the reference. Each maintenance log sheet has different sections which must be filled out.
---------------------	---

Weekly Last Done	Weekly last done is the date the weekly inspection is completed. A week is 7 days.
-------------------------	--

Weekly Next Due	Weekly next due is 7 days from the weekly last done date.
------------------------	---

Monthly Last Done	Monthly last done is the date the monthly inspection is completed. A month is 30 days.
--------------------------	--

Monthly Next Due	Monthly next due is 30 days from the monthly last done date.
-------------------------	--

Bimonthly Last Done	Bimonthly last done is the date the bimonthly inspection is completed. Bimonthly is 60 days.
----------------------------	--

Bimonthly Next Due	Bimonthly next due is 60 days from the bimonthly last done date.
---------------------------	--

Quarterly Last Done	Quarterly last done is the date the quarterly inspection is completed. A quarter is 90 days.
----------------------------	--

Quarterly Next Due	Quarterly next due is 90 days from the quarterly last done date.
---------------------------	--

Semiannual Last Done	Semiannual last done is the date the semiannual inspection is completed. Semiannually is twice a year.
-----------------------------	--

Semiannual Next Due	Semiannual next due is six months from the semiannual last done date.
----------------------------	---

Definitions

Annual Last Done Annual last done is the date the annual inspection is completed. Annually is once a year.

Annual Next Due Annual next due is 1 year from the annual last done date.

Annual Last Done Annual last done is the date the annual inspection is completed. Annually is once a year.

Annual Next Due Annual next due is 1 year from the annual last done date.

Special Last Done Special last done section is the date the special inspection is completed. A special inspection does not fall into any other required time interval.

Special Next Due Special next due is as required by the reference.

Battery Replacement Last Done Battery replacement last done is the date the battery is replaced.

Battery Replacement Next Due Battery replacement next due is as required by the reference.

Remarks The Remarks section is where the inspector can write comments on the overall condition of the item.

Lesson #4 Self-Quiz

1. What is the reason for a Coast Guard policy for inspecting the rescue and survival equipment?
 - A. Protect boat crew members
 - B. Protect Coast Guard boats
 - C. To provide PMS records
 - D. To provide procurement records
2. Match the equipment in column A with the equipment's required inspection time interval in column B. Each time interval may be used more than once.

Column A

- _____ 1. Helmet
- _____ 2. Dry suit
- _____ 3. EMT set
- _____ 4. Lifefloat
- _____ 5. Swim fins
- _____ 6. Stokes litter
- _____ 7. Class A EPIRB
- _____ 8. Inflatable liferaft
- _____ 9. Category 1 EPIRB
- _____ 10. Dewatering pump kit
- _____ 11. Boat crew safety belt
- _____ 12. PFD Standard Navy vest-type with collar

Column B

- a. Weekly
- b. 30 days
- c. 60 days
- d. Monthly
- e. Bimonthly
- f. Quarterly
- g. Semiannual
- h. Annual
- i. Biannual
- j. Post SAR
- k. Before each use
- l. After each use

3. When inspecting a dewatering pump, you will place the pump _____ feet above the water during the test run.
 - A. 1 to 4
 - B. 5 to 9
 - C. 10 to 15
 - D. 16 to 20

Lesson #4 Self-Quiz

4. When inspecting a Class A EPIRB, you should lubricate the push button switch shaft with _____.
 - A. WD 40
 - B. slick 50
 - C. 3 in 1 oil
 - D. spray silicone
 5. When inspecting a Category 1(406) EPIRB, you should check the bracket for the expiration date of the _____.
 - A. safety hook
 - B. pelican hook
 - C. weak link
 - D. press link
 7. When inspecting a personal flotation device Navy vest-type w/collar, you should check the PFD for _____.
 - A. missing webbing
 - B. missing hood
 - C. a 30-inch tether line
 - D. a 34-inch tether line
 8. When inspecting a personal flotation device Navy vest-type w/o collar, you should use an I/MPC _____ to inspect the distress signal light.
 - A. 13
 - B. 15
 - C. 17
 - D. 19
 9. When inspecting a personal flotation device CG-Approved type III, you should tug sharply on all _____.
 - A. straps and collars
 - B. straps and ties
 - C. ties and webbing
 - D. ties and tapes
-

Lesson #4 Self-Quiz

10. When inspecting a personal flotation device CG-Approved type I, you should ensure that a Type _____ nylon cord is used for the tether line.
- A. I
 - B. II
 - C. III
 - D. IV
11. When inspecting boat crew protective clothing, you should NOT replace any clothing showing signs of _____ wear.
- A. normal
 - B. minimal
 - C. abnormal
 - D. excessive
12. When inspecting a crew safety belt, you notice the belt has come in contact with oil and shows evidence of deterioration. You should _____.
- A. clean the spots with a strong soap solution
 - B. clean the spots with a mild soap solution
 - C. make a note of the spots in the PMS log
 - D. remove the belt from service
13. When inspecting a swimmer's safety harness, you notice some broken stitches. You should _____.
- A. repair the broken stitches with nylon thread
 - B. repair the broken stitches with cotton thread
 - C. make a note of the broken stitches in the PMS log
 - D. remove the swimmer's safety harness from service
14. When inspecting anti-exposure coveralls, you notice the coveralls are excessively soiled and need to be machine washed. The temperature of the water in the washing machine should not EXCEED _____ Fahrenheit.
- A. 105°
 - B. 110°
 - C. 115°
 - D. 120°
-

Lesson #4 Self-Quiz

15. When inspecting a survival suit, you notice the slide fasteners are not going up and down easily. You should lubricate the slide fasteners with _____.
A. spray silicone
B. a bar of soap
C. paraffin wax
D. WD 40
16. When inspecting a wet suit, you should inspect the seams for _____.
A. cuts and broken stitching
B. cuts and tears
C. stiffness
D. rot
17. When inspecting a distress signal light, you find the tether line is untied. How would you re-secure the tether line?
A. Round turn with two half hitches
B. Clove hitch
C. Square knot
D. Bowline
18. When inspecting a Stokes litter, you should stencil the date on the bottom of the slat set using _____ inch letters.
A. $\frac{1}{4}$
B. $\frac{1}{2}$
C. $1 \frac{1}{4}$
D. $1 \frac{1}{2}$
19. When inspecting a floating electric marker light, you should ensure that the flash rate is _____ flashes per minute.
A. 50 ± 10
B. 50 ± 15
C. 60 ± 10
D. 60 ± 15
-

Lesson #4 Self-Quiz

20. When inspecting a ring buoy, you should ensure the retrieving line is securely attached to the lifeline of the ring buoy with a/an _____.
A. round turn with two half hitches
B. clove hitch
C. eye splice
D. bowline
21. When conducting a buoyancy test on a lifefloat, you should place a 5-person float in the water and load it with _____ pounds.
A. 100
B. 150
C. 200
D. 250
22. When inspecting swim fins, you should check for _____.
A. dry rot
B. abrasions
C. elasticity of the ankle strap
D. all of the above
23. When inspecting a swimmer's mask, you should check for _____.
A. cracking of rubber
B. elasticity of the head strap
C. corrosion of metal parts
D. all of the above
24. When inspecting an EMT kit, you should inspect the stethoscope for _____.
25. When inspecting an airway and oxygen delivery system, you should ensure that the cylinder contains a MINIMUM pressure of _____.
A. 1200 psi
B. 1500 psi
C. 1700 psi
D. 2000 psi
-

Lesson #4 Self-Quiz

26. When inspecting a pneumatic antishock garment (PASG or MAST), you should inflate all the bladders with air until they are firm. The bladders must remain firm for a MINIMUM of _____ minutes.
- A. 10
 - B. 20
 - C. 30
 - D. 40
27. When inspecting a traction splint, you should operate all mechanical parts and lubricate them with a thin film of _____.
- A. wax
 - B. soap
 - C. silicone
 - D. petrolatum
28. When inspecting a full-body litter/splint, you should check the boards for _____.
- A. cracks only
 - B. cracks and warping only
 - C. cracks, warping, and small gouges
 - D. cracks, warping, and large gouges
29. When inspecting a half back extrication/lift harness, you should check for the presence of _____.
30. When inspecting a semi-rigid litter, you should ensure the fasteners are of the proper _____.
- A. size
 - B. type
 - C. color
 - D. shape
-

Answers to Lesson #4 Self-Quiz

Question	Answer
1	A
2	1. k 2. f 3. b, d, l, j 4. f, i 5. f 6. f, g 7. c, e 8. a, h 9. b, d 10. b, d, f, j 11. f, j 12. f, g
3	C
4	D
5	hydrostatic release
6	C
7	A
8	C
9	B
10	A
11	B
12	D
13	D
14	A
15	C
16	B

Answers to Lesson #4 Self-Quiz

Question	Answer
17	D
18	B
19	C
20	C
21	C
22	D
23	D
24	proper operation
25	B
26	C
27	D
28	D
29	mold & mildew
30	C

Lesson 5

RESCUE AND SURVIVAL EQUIPMENT MAINTENANCE

Overview

Reading Assignment

This lesson is based on the following reading assignment:

- ◆ Coast Guard Rescue and Survival Systems Manual, COMDTINST M10470.10 (series)
-

Objective

This lesson will teach you how to:

- ◆ Conduct maintenance on rescue and survival equipment.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **IDENTIFY** the three parts of the Periodic Maintenance System (PMS).
 - ◆ **IDENTIFY** the maintenance requirements for the following equipment:
 - Dewatering Pumps
 - Emergency Position Indicating Radio Beacons
 - Inflatable Liferafts
 - Personal Flotation Devices
 - Protective Clothing and Equipment
 - Hypothermia Protective Clothing
 - Survival Kit and Items
 - Supplementary Equipment
 - Emergency Medical Technician's Equipment
-

Lesson #5 Self-Quiz

1. What are the three parts of the Periodic Maintenance System?
 2. How often do you change the oil and gasoline in the dewatering pump on board your unit?
 - A. Every 3 months
 - B. Every 6 months
 - C. Annually
 - D. Biannually
 3. How would you position the Class C EPIRB when replacing the battery?
 - A. Keep the EPIRB in the upright position
 - B. Lay the EPIRB flat on a horizontal surface
 - C. Hold the EPIRB on a 45° angle to remove the cap
 - D. Hold the EPIRB upside down to remove the cap
 4. What manual do you use to find the list of approved servicing facilities for a commercial raft?
 - A. COMDTINST M16725.3, Liferafts
 - B. COMDTINST M16714.3, Equipment List
 - C. COMDTINST M16724.1, Navigation Laws
 - D. COMDTINST M16785.7, Marine Inspection
 5. When conducting an inspection/maintenance on a Navy vest-type w/collar personal flotation device, you are allowed to repair _____.
 - A. discolored covering
 - B. discolored webbing
 - C. cracked webbing
 - D. cracked retroreflective tape
 6. Maintenance on your helmet is limited to _____.
 - A. painting
 - B. personal modifications
 - C. major hardware replacement
 - D. no maintenance is required
-

Lesson #5 Self-Quiz

7. You have been directed to remove the corrosion on the metal hardware of a boat crew safety belt. You gently wire-brush the hardware and then apply a corrosion-prevention compound to the hardware. What type of compound will you use?
 - A. Wax
 - B. Soap
 - C. MIL-C-81309
 - D. MIL-C-90318
 8. Patches used to repair a fabric puncture in a dry suit must have _____.
 - A. sharp edges
 - B. rounded ends
 - C. nylon protectors
 - D. nonskid protectors
 9. When repairing a small tear in a wet suit, you use _____.
 - A. wet suit cement
 - B. neoprene cement
 - C. premade patches
 - D. needle and thread
 10. When tying the lanyard to an MK-124 flare, you use a _____ knot.
 - A. bowline
 - B. surgeon's
 - C. clove hitch
 - D. fisherman's bend
 11. When replacing the battery in your SDU-5/E, you notice the strobe light still does not work. You should _____.
 - A. test the battery
 - B. try another battery
 - C. remove the light from service
 - D. send the light out to a repair facility
 12. While conducting an inspection on a Stokes litter, you find a cracked tube in the high-line protective frame. What do you do?
 - A. Weld the crack using the heliarc method and proof-test
 - B. Solder the crack and proof-test
 - C. Place a pipe patch over the crack
 - D. Braze the crack
-

Lesson #5 Self-Quiz

13. Maintenance of the floating electric marker light is limited to _____.
A. cleaning
B. inspection
C. replacement of batteries
D. all of the above
14. Repairs to a pneumatic anti-shock garment are limited to _____.
A. replacement of air bladders
B. replacement of air line
C. cuts and broken stitching
D. cuts and tears
-

Answers to Lesson #5 Self-Quiz

Question	Answer
1	Inspection interval Maintenance log Inspection/Maintenance Procedure Card
2	A
3	D
4	B
5	D
6	A
7	C
8	B
9	B
10	B
11	A
12	A
13	D
14	A

Lesson 6

RESCUE AND SURVIVAL EQUIPMENT MAINTENANCE LOGS

Overview

Reading Assignment

This lesson is based on the following reading assignment:

- ◆ Coast Guard Rescue and Survival Systems Manual, COMDTINST M10470.10 (series)
-

Objective

This lesson will teach you how to:

Complete a rescue and survival equipment maintenance log.

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **IDENTIFY** the information contained in the rescue and survival equipment maintenance logs.
 - ◆ **COMPLETE** a sample rescue and survival equipment maintenance log.
-

Maintenance Log Sections

Introduction	This list describes the sections of the maintenance log not covered in the reference. Each maintenance log sheet has different sections which must be filled out.
---------------------	---

Weekly Last Done	Weekly last done is the date the weekly inspection is completed. A week is 7 days.
-------------------------	--

Weekly Next Due	Weekly next due is 7 days from the weekly last done date.
------------------------	---

Monthly Last Done	Monthly last done is the date the monthly inspection is completed. A month is 30 days.
--------------------------	--

Monthly Next Due	Monthly next due is 30 days from the monthly last done date.
-------------------------	--

Bimonthly Last Done	Bimonthly last done is the date the bimonthly inspection is completed. Bimonthly is 60 days.
----------------------------	--

Bimonthly Next Due	Bimonthly next due is 60 days from the bimonthly last done date.
---------------------------	--

Quarterly Last Done	Quarterly last done is the date the quarterly inspection is completed. A quarter is 90 days.
----------------------------	--

Quarterly Next Due	Quarterly next due is 90 days from the quarterly last done date.
---------------------------	--

Semiannual Last Done	Semiannual last done is the date the semiannual inspection is completed. Semiannually is twice a year.
-----------------------------	--

Semiannual Next Due	Semiannual next due is six months from the semiannual last done date.
----------------------------	---

Maintenance Log Sections

Annual Last Done Annual last done is the date the annual inspection is completed. Annually is once a year.

Annual Next Due Annual next due is 1 year from the annual last done date.

Annual Last Done Annual last done is the date the annual inspection is completed. Annually is once a year.

Annual Next Due Annual next due is 1 year from the annual last done date.

Special Last Done Special last done section is the date the special inspection is completed. A special inspection does not fall into any other required time interval.

Special Next Due Special next due is as required by the reference.

Battery Replacement Last Done Battery replacement last done is the date the battery is replaced.

Battery Replacement Next Due Battery replacement next due is as required by the reference.

Remarks The Remarks section is where the inspector can write comments on the overall condition of the item.

Rescue and Survival Equipment Maintenance Log Example

Example

The following illustrations show an example of a completed rescue and survival equipment maintenance log.

PERSONAL FLOTATION DEVICE NAVY INFLATABLE YOKE TYPE

Serial No.	Location	Man Hrs.	Est. Cost of Main	Quarterly		Semiannual		Annual		Remarks
				Last Done	Next Due	Last Done	Next Due	Last Done	Next Due	
8982373	Bridge	.5	\$2.30	8/97	11/97	6/97	12/97	3/97	3/98	8/97 Replaced CO2

Lesson #6 Self-Quiz

1. Match the maintenance log sheet category in column A with the description of the category in column B. Each information item will be used only once.

Column A

- _____ 1. Model
- _____ 2. Special
- _____ 3. Annual
- _____ 4. Weekly
- _____ 5. Post-Sar
- _____ 6. Man Hrs.
- _____ 7. Remarks
- _____ 8. Monthly
- _____ 9. Location
- _____ 10. Next Due
- _____ 11. Quarterly
- _____ 12. Last Done
- _____ 13. Bimonthly
- _____ 14. Acceptance
- _____ 15. Semiannual
- _____ 16. Serial Number
- _____ 17. Est. Cost of Maint.

Column B

- a. locker numbers
- b. cost of old part
- c. indicates part number
- d. inspected every 7 days
- e. inspected every 360 days
- f. inspected every 30 days
- g. inspected every 90 days
- h. inspected every 60 days
- i. actual date of inspection
- j. inspected every 180 days
- k. a local number assigned
- l. inspection after each use
- m. cost of replacement parts
- n. initial inspection of an item
- o. final inspection before disposal
- p. information deemed necessary
- q. rounded to the nearest tenth of an hour
- r. due date of the next required inspection
- s. inspection interval is greater than 12 months

Lesson #6 Self-Quiz

2. Complete the Rescue and Survival Equipment Maintenance Log using your reading assignment and the information below.

Necessary Information

You will need the following information to complete your log:

- ♦ Serial No.: 2373-Class A
 - ♦ Location: Port bridge wing
 - ♦ Man Hrs.: BM2 Someday - .6 hrs
BM3 Tracey - .5 hrs
 - ♦ Battery Replacement: Last Done: 10/97
 - ♦ Monthly: Last Done: 11/97
 - ♦ Bimonthly: Last Done: 12/97
 - ♦ Remarks: BM3 Tracey replaced the frayed lanyard on 12 Dec 97.
-

EMERGENCY POSITION INDICATING RADIO BEACON

Serial No.	Location	Man Hrs.	Battery Replacement		Monthly		Bimonthly		Remarks
			Last Done	Next Due	Last Done	Next Due	Last Done	Next Due	

Answers to Lesson #6 Self-Quiz

Question

Answer

1

1. c
2. s
3. e
4. d
5. l
6. q
7. p
8. f
9. a
10. r
11. g
12. i
13. h
14. n
15. j
16. k
17. m

2

EMERGENCY POSITION INDICATING RADIO BEACON

Serial No.	Location	Man Hrs.	Battery Replacement		Monthly		Bimonthly		Remarks
			Last Done	Next Due	Last Done	Next Due	Last Done	Next Due	
2373—Class A	Port Bridge Wing	1.1	10/97	10/00	11/97	12/97	12/97	02/98	12/97 Lanyard Replaced

Lesson 7

DUTIES OF THE WEAPONS PETTY OFFICER

Overview

Reading Assignment

This lesson is based on the following reading assignments:

- ◆ USCG Regulations, COMDTINST M5000.3 (series)
 - Chapter 2
 - ◆ Ordnance Manual COMDTINST M8000.2 (series)
 - ◆ Ordnance Publications Index, COMDTINST M8000.3 (series)
-

Objective

This lesson will teach you the:

- ◆ Duties of the weapons petty officer.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **IDENTIFY** the general duties of the weapons petty officer.
 - ◆ **IDENTIFY** the specific duties of the weapons petty officer.
 - ◆ **IDENTIFY** the rank requirements for a weapons petty officer for units without an assigned gunner's mate.
 - ◆ **IDENTIFY** the administrative duties of the weapons petty officer.
 - ◆ **DETERMINE** how often the weapons petty officer inspects ordnance equipment and spaces for material condition.
 - ◆ **DETERMINE** who is responsible for keeping an ordnance library complete and up-to-date.
 - ◆ **IDENTIFY** who the commanding officer designate as the ordnance publications custodian.
 - ◆ **IDENTIFY** the manuals used to establish requirements when conducting an inventory of ordnance publications, reports, and directives.
 - ◆ **DETERMINE** when to conduct an inventory of ordnance publications.
 - ◆ **DETERMINE** how to dispose of an unneeded ordnance publication.
-

Lesson #7 Self-Quiz

1. Which of the following is a general duty and responsibility of the weapons petty officer?
 - A. Supervision of minor ordnance equipment
 - B. Supervision of portable ordnance equipment
 - C. Supervision and direction of employment of equipment associated with engineering
 - D. Supervision and direction of employment of equipment associated with deck seamanship
2. Which of the following is a specific duty and responsibility of the weapons petty officer?
 - A. Conducting periodic inspections of magazine spaces
 - B. Care and maintenance of infantry equipment
 - C. Conducting periodic tests of ammunition
 - D. All of the above
3. A weapons petty officer assigned by the unit must be an _____ or higher.
 - A. E-4
 - B. E-5
 - C. E-6
 - D. E-7
4. Which of the following duties is an administrative duty of the weapons petty officer?
 - A. Check safety orders to determine if they contain the procedures for handling a hangfire
 - B. Maintain a file of directives applicable to the weapons department
 - C. Inspect all logs and records after major events
 - D. All of the above
5. How often will the weapons petty officer inspect the material condition of ordnance spaces and equipment?
 - A. Daily
 - B. Weekly
 - C. Monthly
 - D. Quarterly
6. What organization keeps the unit's ordnance library complete and up-to-date?
7. Who will the commanding officer designate as the ordnance publications custodian?
 - A. Classified material control officer
 - B. Weapons petty officer
 - C. Group gunner's mate
 - D. Executive officer

Lesson #7 Self-Quiz

8. When conducting an inventory of the unit's ordnance publications, reports, and directives, you will use which manuals for a reference to establish requirements?
 - A. COMDTNOTE 5769 and COMDTINST M8796.4 (series)
 - B. COMDTNOTE 5796 and COMDTINST M8125.3 (series)
 - C. COMDTNOTE 5600 and COMDTINST M8000.3 (series)
 - D. COMDTNOTE 5605 and COMDTINST M8010.2 (series)

 9. How often does the ordnance publications custodian conduct an inventory of ordnance publications?
 - A. Annually
 - B. Every 3 years
 - C. Upon relief of the weapons petty officer
 - D. Both A and C

 10. When a unit is in doubt on how to dispose of an ordnance publication, they should _____.
 - A. destroy the publication
 - B. mail the publication to MLC
 - C. return the publication to NPFC
 - D. give the publication to the group gunner's mate
-

Answers to Lesson #7 Self-Quiz

Question	Answer
1	D
2	D
3	B
4	D
5	C
6	Unit where the library is located
7	B
8	C
9	D
10	A

Lesson 8

BOARDING TEAM EQUIPMENT

Overview

Reading Assignment

This lesson is based on the following reading assignment:

- ◆ Maritime Law Enforcement Manual, COMDTINST M16247.1 (series)
 - Enclosure 6
-

Objective

This lesson will teach you the:

- ◆ Equipment type and requirements for boarding team members.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **LIST** the uniform items required for Coast Guard boarding teams.
 - ◆ **LIST** the law enforcement belt equipment required for Coast Guard boarding teams.
 - ◆ **IDENTIFY** the requirements for the following equipment:
 - Headgear
 - Footwear
 - Body Armor
 - Personal Flotation Devices
 - Holster
 - Impact Weapon
 - Chemical Irritant
 - Standard Service Weapon
 - Handcuffs
 - Flashlight
 - Confined Space Equipment
 - ◆ **LIST** the required law enforcement boarding kit equipment required for Coast Guard boarding teams.
-

Lesson #8 Self-Quiz

1. List the uniform items required for a Coast Guard boarding team.

2. List the law enforcement belt equipment required for Coast Guard boarding teams.

3. Match the characteristics of required equipment in column A with the equipment required for MLE boardings in column B. Items in column B may be used more than once.

Column A

- _____ 1. Ball cap
- _____ 2. Level IIa
- _____ 3. Deck shoe
- _____ 4. Watch caps
- _____ 5. NIJ certified
- _____ 6. Safety helmets
- _____ 7. Thumb break type
- _____ 8. Standard ride type
- _____ 9. Steel-toed work boot
- _____ 10. Anti-exposure coveralls
- _____ 11. Allows freedom of movement

Column B

- a. PFD
- b. holster
- c. headgear
- d. foot wear
- e. body armor
- f. impact weapon
- g. chemical irritants

Lesson #8 Self-Quiz

4. Match the characteristics of required equipment in column A with the equipment required for MLE boarding in column B. Each item in column B may be used more than once.

Column A

- _____ 1. M-16
- _____ 2. Flexible
- _____ 3. riot gun
- _____ 4. non-hinged
- _____ 5. 3 C-cell size
- _____ 6. 9 mm pistol
- _____ 7. oxygen meter
- _____ 8. chrome steel shaft
- _____ 9. 12,000 candlewatts
- _____ 10. foam non-slip grip
- _____ 11. combustible gas meter
- _____ 12. rigid length of 21 inches
- _____ 13. no knurling or sharp edges
- _____ 14. 5 to 10% oleoresin capsicum

Column B

- a. holster
- b. flashlight
- c. handcuffs
- d. impact weapon
- e. chemical irritants
- f. standard service weapon
- g. confined space equipment

5. List the contents of the law enforcement boarding kit.
-

Answers to Lesson #8 Self-Quiz

Question

Answer

1

ball cap or hard hat with CG insignia
working blue uniform
coveralls if needed
safety shoes or non-marking deck shoes
black nylon belt with appropriate gear
soft body armor Type IIA
PFD Type III, float coat, or
anti-exposure coveralls

2

ASP expandable baton
standard service pistol
minimum of two magazines
chemical irritant
four keepers
magazine pouch
holster
chemical irritant pouch
flashlight keeper
handcuff case
impact weapon holder
belt
handcuffs with key
flashlight
folding knife

3

1. c
2. e
3. d
4. c
5. e
6. c
7. b
8. b
9. d
10. a
11. a

Answers to Lesson #8 Self-Quiz

Question

Answer

4

1. f
2. c
3. f
4. c
5. b
6. f
7. g
8. d
9. b
10. d
11. g
12. d
13. d
14. e

5

boarding checklist
boarding notebook
applicable boarding forms
flashlight
tape measure
inspection mirror
folding knife
resealable waterproof plastic bags
evidence tags
custody tags
writing utensils
note pads
sounding tape
narcotics field test kits
calculator
pencils for use in freezers
scales
gloves
species measuring tools
fish measuring boards
appropriate reference publications
fisheries enforcement forms

Lesson 9

UNIT DIRECTIVES SYSTEM

Overview

Reading Assignment

This lesson is based on the following reading assignments:

- ◆ Directives System, COMDTINST M5215.6 (series)
 - ◆ Standard Subject Identification Codes (SSIC), COMDTINST M5210.5 (series)
 - ◆ Telecommunications Manual (TCM), COMDTINST M2000.3 (series)
 - Chapter 1
-

Objective

This lesson will teach you how to:

- ◆ Maintain unit notices, instructions, and message traffic.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **STATE** the purpose of the Coast Guard directives system.
 - ◆ **DEFINE** the following terms:
 - Directive
 - Instruction
 - Notice
 - Manual
 - ◆ **IDENTIFY** the authorized abbreviation for the following directives:
 - Instruction
 - Notice
 - Manual
 - Non-Directive
 - ◆ **IDENTIFY** the prefixes used for security classification identification for the following:
 - Confidential
 - Secret
 - Top secret
-

Unit Directives System

Lesson Objectives (Continued)

- ◆ **LIST** the two ways to identify significant changes to a page replacement.
- ◆ **DETERMINE** when to use pen and ink changes.
- ◆ **DETERMINE** where to record changes made to a manual.
- ◆ **DETERMINE** the type of binder used to file instructions and notices.
- ◆ **DETERMINE** how to arrange instructions and notices.
- ◆ **DETERMINE** how to file notices.
- ◆ **STATE** what the Standard Subject Identification Codes (SSIC) provide.
- ◆ **DETERMINE** the order of messages filed in a visual station file.
- ◆ **STATE** how to facilitate access and stowage of general message files.
- ◆ **STATE** the number of ways to preserve the inviolability of messages.

Additional Reference

- ◆ Paperwork Management Manual, COMDTINST M5212.12 (series)
-

Lesson #9 Self-Quiz

1. What is the purpose of the Coast Guard directive system?
2. Match the directives in column A with the appropriate definitions in column B.

Column A

- _____ 1. Directive
- _____ 2. Instruction
- _____ 3. Notice
- _____ 4. Manual

Column B

- a. Permanent type containing 25 or more pages
- b. Written communication
- c. Prescribing authority
- d. One-time or brief nature
- e. Non-permanent containing 75 pages or more

3. Match the directives in column A with the appropriate abbreviations in column B.

Column A

- _____ 1. Instruction
- _____ 2. Notice
- _____ 3. Manual
- _____ 4. Non-Directive

Column B

- a. "INST" and "M"
- b. "INST"
- c. "NOTE"
- d. "PUB" and "P"
- e. "NON"

4. Match the security classifications in column A with the appropriate prefixes in column B.

Column A

- _____ 1. Confidential
- _____ 2. Secret
- _____ 3. Top secret

Column B

- a. "TS"
- b. "C"
- c. "S"
- d. "SF"

5. What are the two ways to identify significant changes to a page replacement?

Lesson #9 Self-Quiz

6. When can you use pen and ink changes on a directive?
 7. Where do you record changes to a manual?
 8. Instructions and notices are filed in a standard _____.
 9. Instructions and notices are arranged by SSIC in _____.
 10. Notices are filed by SSIC according to _____.
 11. What do the Standard Subject Identification Codes provide?
 12. In what order do you file messages in a visual station file?
 13. To facilitate access and stowage with appropriate cross references, general message files may be _____.
 14. How many ways can you preserve the inviolability of messages?
-

Answers to Lesson #9 Self-Quiz

Question	Answer
1	Establishes policies, procedures, and standards for the administration of the Coast Guard Directives system
2	1. b 2. c 3. d 4. a
3	1. b 2. c 3. a 4. d
4	1. b 2. c 3. a
5	Vertical line in the non-binding margin to mark the changed section or boldface type in the text of the change
6	When changes are minor
7	On the "Record of Changes" page at the front of the manual
8	three-ring binder
9	numerical order
10	date
11	Tested method for filing documents consistently and retrieving them quickly
12	Chronological order
13	segregated by security classification
14	Four

Lesson 10

CHART AND PUB CORRECTIONS

Overview

Reading Assignment

This lesson is based on the following reading assignment:

- ◆ National Imagery and Mapping Agency Catalog of Maps, Charts, and Related Products Vol-1, Part 2 (NIMA CATP2VO1U) 8th Edition
-

Objective

This lesson will teach you how to:

- ◆ Correct and maintain charts and navigational related pubs.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **IDENTIFY** the information contained in the "Local Notice to Mariners."
 - ◆ **IDENTIFY** the individual elements of a typical correction from a "Notice to Mariners."
 - ◆ **COMPLETE** a Chart/Publication Correction Record card.
 - ◆ **STATE** where on the chart you would enter the year and number of each "Notice to Mariners" from which you have made corrections.
 - ◆ **IDENTIFY** the steps in the correct order for correcting a chart or publication.
-

Additional References

- ◆ "Light List" for information on "Notice to Mariners"
-

Note

When correcting charts, you should use the CHART CORRECTION TEMPLATE available through NIMA (stock no. WOXZP9998).

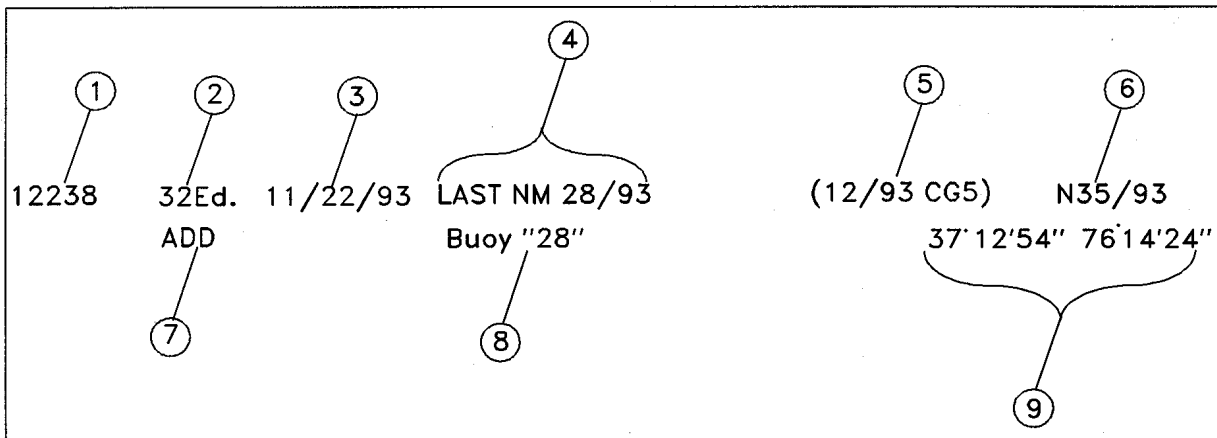
Lesson #10 Self-Quiz

1. Place an X next to the items that are contained in a "Local Notice to Mariners."

- ☐ Changes to aids to navigation
- ☐ "Light List" corrections
- ☐ Summary of all corrections to a chart
- ☐ Broadcast warnings
- ☐ Information for safe navigation within the limits of your district only

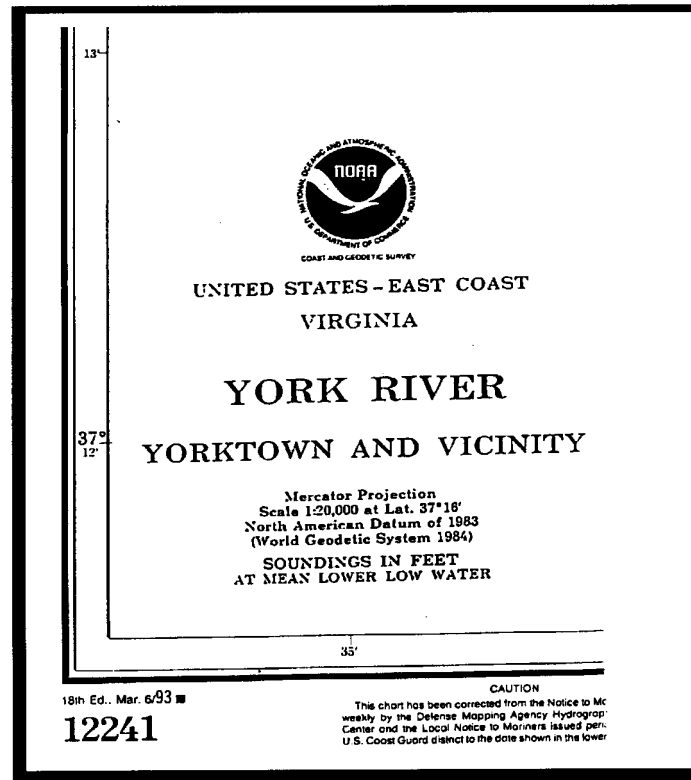
2. Using the "Notice to Mariners" excerpt below, write the number of each individual element in the corresponding blank.

- ☐ Edition date
- ☐ Current NTM
- ☐ Object of corrective action
- ☐ Chart number
- ☐ Position
- ☐ Chart edition
- ☐ Last NTM
- ☐ Source of information
- ☐ Corrective action



Lesson #10 Self-Quiz

3. Using the corner of the chart provided and the excerpts from the "Local Notice to Mariners," complete the Chart/Pub Correction Record card on the next page.



12241	18th Ed. 3/6/93	NEW EDITION	(18/93 CG5) 25/93
	Delete	Buoy "Y8" Buoy "Y9"	37°11'13"N 76°20'55"W 37°13'57"N 76°21'09"W
12241	18th Ed. 3/6/93	LAST NM 25/93	(20/93 CG5) 27/93
	Delete	Buoy "Q3"	37°11'42"N 76°21'11"W
12241	18th Ed. 3/6/93	LAST NM 27/93	(FED REG 7/12/93) 34/93
	Change	Legend to "RESTRICTED AREA 334.260 (see note A)"	37°15'15"N 76°32'10"W

1. $\frac{1}{2}$ 2. $\frac{1}{2}$ 3. $\frac{1}{2}$ 4. $\frac{1}{2}$ 5. $\frac{1}{2}$ 6. $\frac{1}{2}$ 7. $\frac{1}{2}$ 8. $\frac{1}{2}$ 9. $\frac{1}{2}$ 10. $\frac{1}{2}$

11. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

Answer

Changes to aids to navigation
"Light List" corrections
Broadcast warnings
Information for safe navigation within the limits of
your district only

3
6
8
1
9
2
4
5
7

3

[illegible]

Note: Normally, the pub page number would be filled in to make it easier to find at a later date. For the purposes of the quiz it was left blank.

Answers to Lesson #10 Self-Quiz

Question	Answer
4	lower-left corner
5	6
	2
	3
	1
	5
	4

Lesson 11

CHART PROCUREMENT

Overview

Reading Assignment

This lesson is based on the following reading assignments:

- ◆ National Imagery and Mapping Agency Catalog of Maps, Charts, and Related Products Vol-1, Part 2 (NIMA CATP2VO1U) 8th Edition
 - ◆ Added text
-

Objective

This lesson will teach you how to:

- ◆ Procure charts and navigational related pubs.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **LIST** the three manual ordering methods which may be used when ordering charts.
 - ◆ **STATE** what two items your proper priority code is based on when ordering charts or publications.
 - ◆ **COMPLETE** a sample requisition using the MILSTRIP format.
-

Introduction

This section will give you additional information concerning ordering charts or publications from the NIMA catalog which is Coast Guard specific or needs to be emphasized due to its importance.

Message Form

The Coast Guard does not use the Joint Message Form (DD form 173); however, the Official Message (CG-2655) can be used in its place.

Required Information

Below the SUBJ line, the following information is mandatory.

Example: SUBJ: MILSTRIP REQUISITION
 A. LMF OF THIS MESSAGE IS TC
 B. CIC OF THIS MESSAGE IS IAZZ
 AODHM8 is used with NIMA numbers
 AOAHM8 is used with NSN numbers

Chart Procurement

Requisitioner Field

The Coast Guard requisitioner code is your Coast Guard Unit's five digit OPFAC number preceded by the letter "Z."

Sample CG MILSTRIP

This example of a Coast Guard Official Message is typical of requisitions using the MILSTRIP format.

SECURITY CLASSIFICATION—							
DEPARTMENT OF TRANSPORTATION U.S. COAST GUARD CG—2655(Rev. 3—67)		U.S. COAST GUARD — OFFICIAL MESSAGE					
UNIT						DATE	
R 221954Z NOV 97 FM COGARD STA EATONS NECK NY TO DAAS DAYTON WRIGHT PATTERSON AFB OH ACCT XXXXX BT UNCLAS//NO3140// SUBJ: MILSTRIP REQUISITION A. LMF OF THIS MESSAGE IS TC B. CIC OF THIS MESSAGE IS IAAZ AODHM8019ACO19340 EA00010Z3019673260001N DNS 15 AOAHM827642014010100 EA00001Z3019673260002N DNS 15 BT							
DIC	M&S	Unit of Issue	Requisitioner	Serial No.	Signal Code	Priority Code	
AOAHM8	27642014010100	EA00001	Z301967	3260002N	DNS	15	
RIC	NSN Stock Number	Quantity	Julian Date	Demand Code	Fund Code		
DATE—TIME—GROUP			PRECEDENCE	ACTION			
				INFO			
DRAFTED BY:				RELEASED BY:			
SECURITY CLASSIFICATION—							
PREVIOUS EDITIONS MAY BE USED							
GPO 718—221							

Lesson #11 Self-Quiz

1. List three methods which may be used when ordering charts or publications.
2. When ordering charts or publications, the priority code is based on _____.
3. Using your reading assignment and the National Imagery and Mapping Agency Catalog of Maps, Charts, and Related Products Vol-1, Part 2 (NIMA CATP2VO1U) 8th Edition, complete a sample MILSTRIP to order the following items.

<u>Item</u>	<u>Quantity</u>
Navigation Rules-International-Inland	10
Chart 11AHA11382	06
Chart 14XHA14984	05
Chart 37ACO37032	01

Use the following information to complete your sample MILSTRIP:

Your unit is Station Great To Be Here, NY, OPFAC Z12345, date Jan 14, 1998, first serial number 0001, all items are non-recurring, priority is 10, media status is none, and point of contact (POC) is BM2 Lucky Eddie (212) 555-1234.

Answers to Lesson #11 Self-Quiz

Question	Answer
1	MILSTRIP SF 344s Letters
2	Your assigned DoD Force Activity Designator and Urgency of Need Designator
3	R date/time group FM COGARD STATION GREAT TO BE HERE NY TO DAAS DAYTON OH ACCT BT UNCLAS//N03140// SUBJ: MILSTRIP REQUISITION A. LMF OF THIS MESSAGE IS TC B. CIC OF THIS MESSAGE IS IAZZ A0DHM80COMDTM166722B EA00010Z1234580140001N DNS 10 A0AHM807642014010132 EA00006Z1234580140002N DNS 10 A0AHM807642014010718 EA00005Z1234580140003N DNS 10 A0AHM807642014009272 EA00001Z1234580140004N DNS 10

Lesson 12

INSTRUCTOR BOAT CREWMAN

Overview

Reading Assignment

This lesson is based on the following reading assignments:

- ◆ Boat Crew Training Manual, COMDTINST M16114.9 (series)
 - ◆ Boat Crew Qualification Guide, COMDTINST M16114.10 (series)
-

Objective

This lesson will teach you how to:

- ◆ Instruct a boat crewman candidate.
-

Lesson Objectives

To successfully complete the objective, you must be able to:

- ◆ **DETERMINE** the system on which this program is based.
 - ◆ **DETERMINE** the start of the certification phase.
 - ◆ **STATE** who is responsible for deadlines and training objectives.
 - ◆ **DETERMINE** who is responsible for the initial training of the boat crew candidate.
 - ◆ **LIST** the qualities an instructor must demonstrate before being selected.
 - ◆ **DETERMINE** the instructor's source for detailed instructions.
 - ◆ **STATE** who assigns an instructor.
 - ◆ **STATE** how long a trainee practices.
 - ◆ **DETERMINE** the section of the training guide given to the trainee.
 - ◆ **DETERMINE** responsibility for trainee record maintenance.
 - ◆ **STATE** the number of duties an instructor has.
 - ◆ **LIST** the ten instructor guidance procedural steps.
 - ◆ **STATE** how to detect and correct bad work habits and incorrect procedures.
 - ◆ **DETERMINE** when a task is signed off as completed.
 - ◆ **STATE** to whom the instructor makes a positive recommendation.
-

Lesson #12 Self-Quiz

1. What system is this program based on?
 2. When can the certification phase start?
 3. Who is responsible for deadlines and training objectives?
 4. Who is responsible for the initial training of the boat crew candidate?
 5. What qualities must an instructor demonstrate before being selected?
 6. Where are detailed instructions for instructors located?
 7. After consultation with the training officer, who assigns the instructor?
 8. When can a trainee stop practicing a supervised task?
 9. What section of the trainee's guide is given to the trainee?
 10. Who is responsible for the trainee record maintenance?
 11. How many duties does the instructor have?
 12. List the ten instructor guidance procedural steps.
 13. How does an instructor detect and correct bad work habits and incorrect procedures?
 14. When should an instructor sign off a task as completed?
 15. The instructor makes a positive recommendation to the _____.
-

Answers to Lesson #12 Self-Quiz

Question	Answer
1	A master and apprenticeship system
2	When the appropriate training guide is completely signed off
3	Unit training officer
4	Instructor
5	Judgment, patience, and maturity
6	In each qualification guide
7	Unit commander
8	When the instructor is confident that the trainee is able to consistently meet task standards unsupervised
9	Reading assignments
10	Instructor
11	Five
12	<ol style="list-style-type: none">1. Give chapter III to the trainee2. Assign the task3. Confirm completion of the reading assignment4. Demonstrate the task5. Walk the trainee through the task6. Monitor the trainee's practice7. Verify the trainee's performance8. Sign off the task9. Keep an accurate record of the training10. Inform the unit command when the manual is completed
13	By maintaining open communications with the trainee
14	Not until instructor is satisfied that the trainee is fully capable of performing the task unsupervised
15	boat crew examining board

Appendix A

PAMPHLET REVIEW QUIZ

1. When an anchor is lost due to a parting anchor chain, what information must you log in the Anchor Log?
 - A. Length of chain from hawsepipe to the anchor
 - B. Length of chain from wildcat to the anchor
 - C. Wind speed and direction for the previous 2 days
 - D. Wind speed and direction for the previous 3 days
2. Who is responsible for maintaining the Hull History?
 - A. Commanding officer
 - B. Executive officer
 - C. First lieutenant
 - D. Third class boatswain's mate
3. When inspecting a Class A EPIRB, you should lubricate the push button switch shaft with _____.
 - A. WD 40
 - B. slick 50
 - C. 3 in 1 oil
 - D. spray silicone
4. When inspecting a personal flotation device CG-Approved type I, you should ensure that a Type _____ nylon cord is used for the tether line.
 - A. I
 - B. II
 - C. III
 - D. IV
5. When inspecting a wet suit, you should inspect the seams for _____.
 - A. cuts and broken stitching
 - B. cuts and tears
 - C. stiffness
 - D. rot
6. Maintenance on your helmet is limited to _____.
 - A. painting
 - B. personal modifications
 - C. major hardware replacement
 - D. no maintenance is required
7. When replacing the battery in your SDU-5/E, you notice the strobe light still does not work. You _____.
 - A. test the battery
 - B. try another battery
 - C. remove the light from service
 - D. send the light out to a repair facility
8. Who will the commanding officer designate as the ordnance publications custodian?
 - A. Classified material control officer
 - B. Weapons petty officer
 - C. Group gunner's mate
 - D. Executive officer
9. How often will the weapons petty officer inspect the material condition of ordnance spaces and equipment?
 - A. Daily
 - B. Weekly
 - C. Monthly
 - D. Quarterly

Appendix B

PAMPHLET REVIEW QUIZ – ANSWER KEY

QUESTION	ANSWER	REFERENCE
1.	A	2-1
2.	C	3-1
3.	D	5-1
4.	A	5-1
5.	B	5-1
6.	A	5-1
7.	A	5-1
8.	B	7-1
9.	C	7-1

Request for Feedback on BM2 Course Pamphlet

Suggestions and Corrections

Please note your suggestions, corrections, and comments below.

Page	Location on Page	What Correction is Needed

Your Comments

If you were writing this pamphlet, what improvements would you make? What was good about it? What did you not like about it? Please be specific in your comments/suggestions.

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